

**METHOD FOR MULTIPLE-PHASE SPLITTING BY PHASE
INTERPOLATION AND CIRCUIT THE SAME**

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APR 13 2005

Appl. No. : 10/680,150 Confirmation No. 5067
Applicant : Roger Lin
Filed : October 8, 2003
TC/A.U. : 2816
Examiner : Luu, An T
Docket No. : VIAP0074USA0
Customer No. : 27765

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

AMENDMENT

5 Sir:

In response to the Office action of January 13, 2005, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

10 **Remarks/Arguments** begin on page 9 of this paper.



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Art Unit: 2816**

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From : Winston Hsu, Registration No. 41,526

Serial No.: 10/680,150

Attorney Docket No.: VIAP0074USA

Subject: Response to the Office Action mailed on 01/13/2005

Total Pages: 15 pages (including cover page)

Winston Hsu 04/13/2005

VIAP0074USA0_A2_1

PTO/SB/97 (09-04)

Approved for use through 07/31/2006. OMB 0851-0031

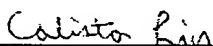
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(1) Transmittal Form	1 PAGE
(2) Fee Transmittal	1 PAGE
(3) Response to the Office Action	11 PAGES

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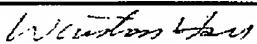
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/680,150	
	Filing Date	10/08/2003	
	First Named Inventor	Roger Lin	
	Art Unit	2816	
	Examiner Name	LUU, AN T	
Total Number of Pages In This Submission	13	Attorney Docket Number	VIAP0074USA

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<div style="border: 1px solid black; padding: 2px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	North America Intellectual Property Corporation		
Signature			
Printed name	Winston Hsu		
Date	04/13/2005	Reg. No.	41,526

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
Signature			
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PTO/SB/17 (12-04)

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4618). FEE TRANSMITTAL For FY 2005		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/680,150
TOTAL AMOUNT OF PAYMENT (\$)		Filing Date	10/08/2003
		First Named Inventor	Roger Lin
		Examiner Name	LUU, AN T
		Art Unit	2816
		Attorney Docket No.	VIAP0074USA

METHOD OF PAYMENT (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>50-3105</u> Deposit Account Name: <u>North America Intellectual Property Corp.</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.	

FEE CALCULATION						
1. BASIC FILING, SEARCH, AND EXAMINATION FEES						
	FILING FEES		SEARCH FEES		EXAMINATION FEES	
		Small Entity		Small Entity		Small Entity
Application Type	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)	Fee (\$)
Utility	300	150	500	250	200	100
Design	200	100	100	50	130	65
Plant	200	100	300	150	160	80
Reissue	300	150	500	250	600	300
Provisional	200	100	0	0	0	0
2. EXCESS CLAIM FEES						
Fee Description						Small Entity
						Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent						50
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent						200
Multiple dependent claims						360
Total Claims		Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
- 20 or HP =		x	=		Fee (\$)	
HP = highest number of total claims paid for, if greater than 20					Fee Paid (\$)	
Indep. Claims		Extra Claims	Fee (\$)	Fee Paid (\$)		
- 3 or HP =		x	=			
HP = highest number of independent claims paid for, if greater than 3						
3. APPLICATION SIZE FEE						
If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof		Fee (\$)	Fee Paid (\$)	
- 100 =	/ 50 =	(round up to a whole number) x		=		
4. OTHER FEE(S)						
Non-English Specification, \$130 fee (no small entity discount)						Fee Paid (\$)
Other:						

SUBMITTED BY		
Signature	<i>Winston Hsu</i>	Registration No. 41,526
Name (Print/Type)	Winston Hsu	Telephone 302-729-1562
		Date 04/13/2005

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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